



Lithiummod™ - 5.2 kWh, 48 V

Lithium-ion Battery Module for Grid Storage, PN 4BM5250N

Off-the-shelf, rack-mountable, hot-swappable, fully protected, battery module for large grid storage, load leveling systems.

Safe

- Inherently safe LiFePO4 cells
- Current, voltage, temperature protection
- Detects loss of isolation
- Redundant: two independent BMSs

Expandable

- Rack-mountable
- Hot-swap w/ blind mate
- Up to 16 in series: 830 Vdc bus
- Up to 16000 modules: 80 MWh
- Optional 3 kW charger / module

Complete

- Includes circuit breaker
- Balancing, SOC, SOH
- Forced air cooling
- CAN bus communication
- Graphics User Interface

Cost effective

- \$ 0.60 / Wh in high volume

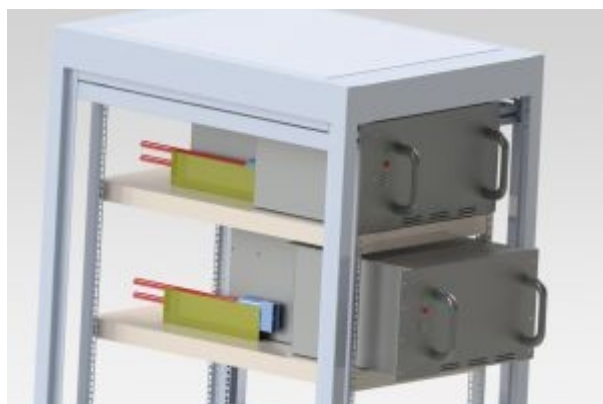


Module specifications

Energy	5.2 kWh nom
Module voltage	52 V nom, 40~57.6 V
Power	9.6 kW nom, 24 kW peak
Current	100 A nom, 450 A peak
Discharge time	1 h nom, ≥ 30 min fast
Charge time	1 h nom, ≥ 30 min fast
Mass	74 kg
Dimensions	498 W x 261 H x 696 D mm

System specifications

Max energy	83 MWh max
Max power @ 830V	166 MW nom, 207 MW peak
Modules in series	16 modules max
Max no of modules	16129
Max bus voltage	830 V nom, 921 Vmax



More info at Lithiummod.com



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